



Industrial Facilities (Non-Military)

Basic Imagery Interpretation Brief

Pao-tou Thermal Power Plant 1, Iron and Steel Plant (Kun-tu-lun)

Pao-tou, China

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*Handle via Talent - Keyhole
Channels Only*

Top Secret

DECLASS REVIEW by NIMA/DOD

BCS 13/0084/69
TCS 11554/68
DATE JANUARY 1969
0047-Y 95
PAGES 3

WARNING

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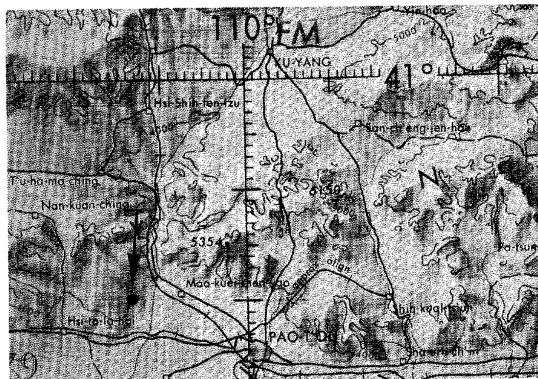
| |
|---|
| GROUP 1 EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION |
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| | | |
|---|------------------------|-----------------------------|
| INSTALLATION OR ACTIVITY NAME | | COUNTRY |
| Pao-tou Thermal Power Plant I, Iron and Steel Plant (Kun-tu-lun) | | CH |
| UTM COORDINATES | GEOGRAPHIC COORDINATES | WAC-PIC NO. |
| 49TCR969023 | 40-40-10N 109-46-40E | 0288-13-0 |
| MAP REFERENCE | | |
| 15th RTS. USATC Series 200, Sheet 0288-22HL, 2nd edition, Nov 64, Scale 1:200,000 (SECRET NO FOREIGN DISSEM) | | |
| LATEST IMAGERY USED | | NEGATION DATE (If required) |
| | | Not Required |

INTRODUCTION

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The Pao-tou Thermal Power Plant I, Iron and Steel Plant (Kun-tu-lun) is located adjacent to the Pao-tou Iron and Steel Plant (Kun-tu-lun) 12.2 nautical miles (nm) west-northwest of Pao-tou and 2.4 nm west of Kun-tu-lun, China.



BASIC DESCRIPTION

The plant is rail served, coal and gas operated, and is located within a walled area approximately 1,900 by 1,400 feet.

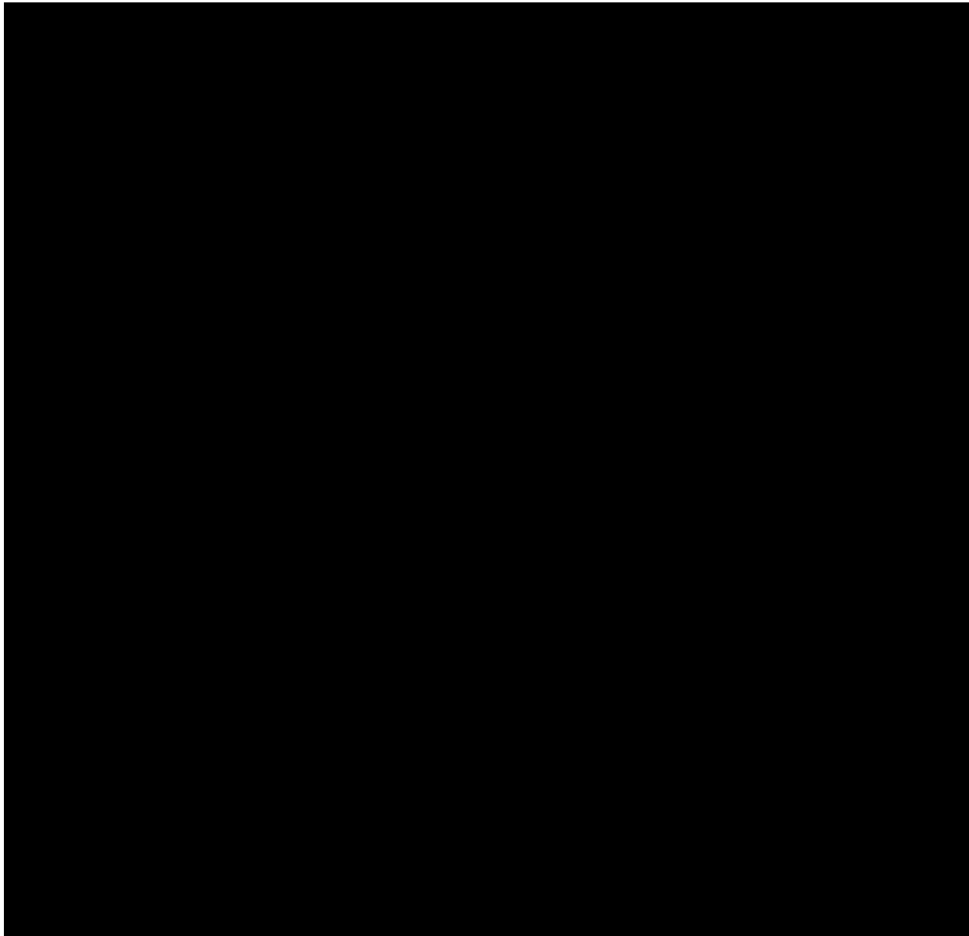
The boilerhouse contains four double boilers connected to a single masonry stack by four sets of flues consisting of two ducts each. Three circuit leads are discernible between the generator hall and the control house on photography. Seven transformers are located adjacent to the control house. Blast furnace gas, from the adjacent iron and steel plant, is used as fuel in conjunction with coal. There are overhead steam lines and power conduits leading to the iron and steel plant.

The power plant was in operation as evidenced by moderate smoke and vapor emanating from the stack and cooling towers on all the referenced imagery. This plant is complete and there has been no construction since the date of the latest photography used in the referenced report.

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IMAGERY ANALYSIS SERVICE

TCS - 11554/68

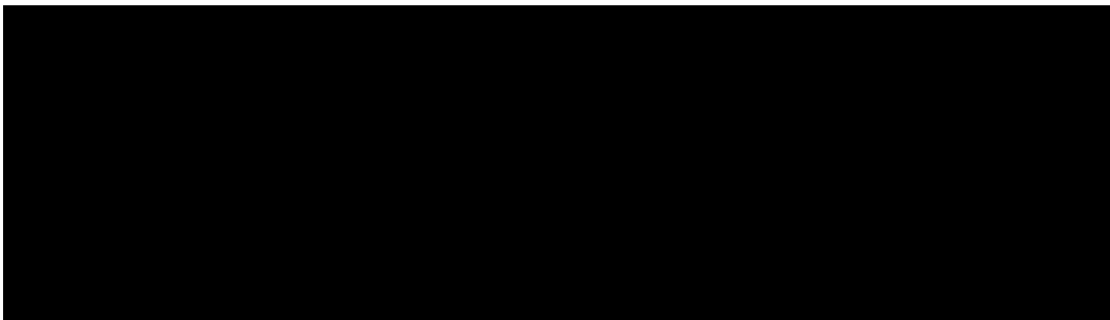


Key to Annotations

| <u>Item No.</u> | <u>Description</u> | <u>Dimensions (ft)</u> | <u>Remarks</u> |
|-----------------|--|------------------------|----------------------|
| 1 | POL Tanks (5) | 15 Diam. | - |
| 2 | Water Treatment Facility | 130 x 70 | |
| | | 75 x 35 | |
| 3 | Boilerhouse | 300 x 130 | 4 Double Boilers |
| 4 | Generator Hall | 430 x 85 | 3 Turbogenerators |
| 5 | Control House | 120 x 55 | 7 Transformers |
| | | 300 x 40 | adjacent to building |
| 6 | Enclosed Switching (2) | 200 x 40 | |
| | | 110 x 25 | |
| 7 | Cooling Towers (3) | 85' Diam (top) | Natural Draft |
| 8 | Gas Purification and Control Building | 190 x 75 | |
| 9 | Coal Stockpile | - | |

REFERENCES

25X1D



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Maps

25X1C

15th RTS. US Air Target Chart, Series 200, Sheet 0288-22HL, 2nd edition,
Nov 64, Scale 1:200,000 (SECRET NO FOREIGN DISSEM [REDACTED])

ACIC. USAF Operational Navigation Chart, Sheet F-8, 2nd edition, July 63,
Scale 1:1,000,000 (UNCLASSIFIED)

Documents


1. CIA/IAD. PIR 65106, Chinese Power Plants, Inner Mongolian Autonomous
Region, Mar 66, TCS 2135/66 (TOP SECRET RUFF)

Requirement

EXSUBCOM - BR-N/002-69

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